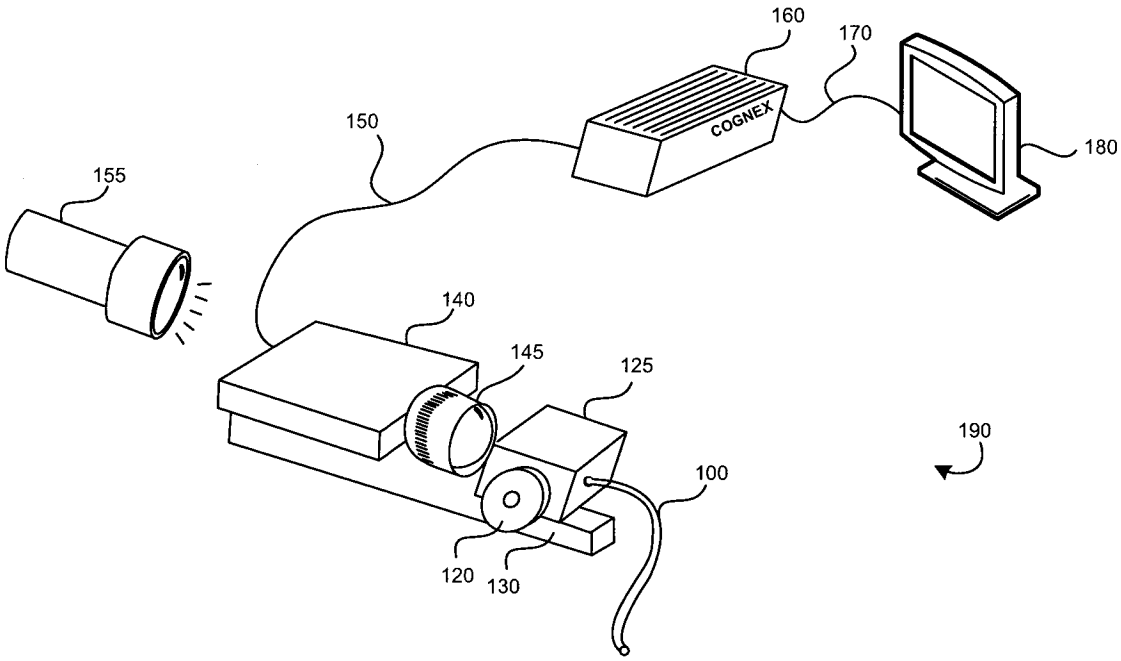

FIGURE 1

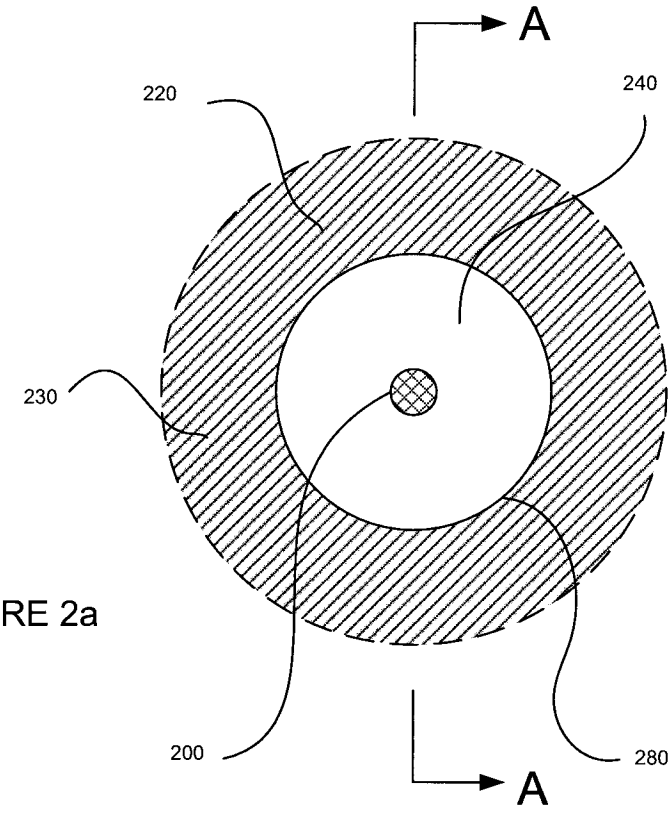

FIGURE 2a

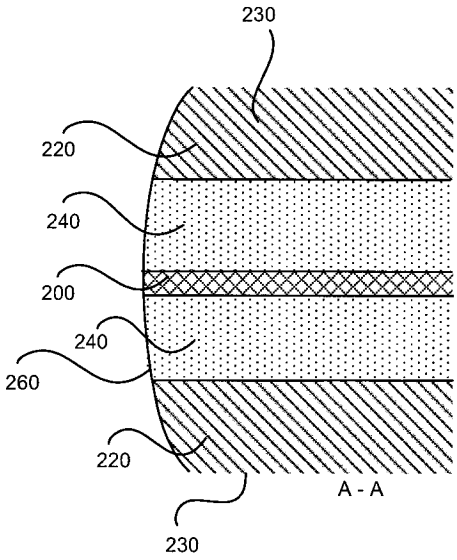

FIGURE 2b

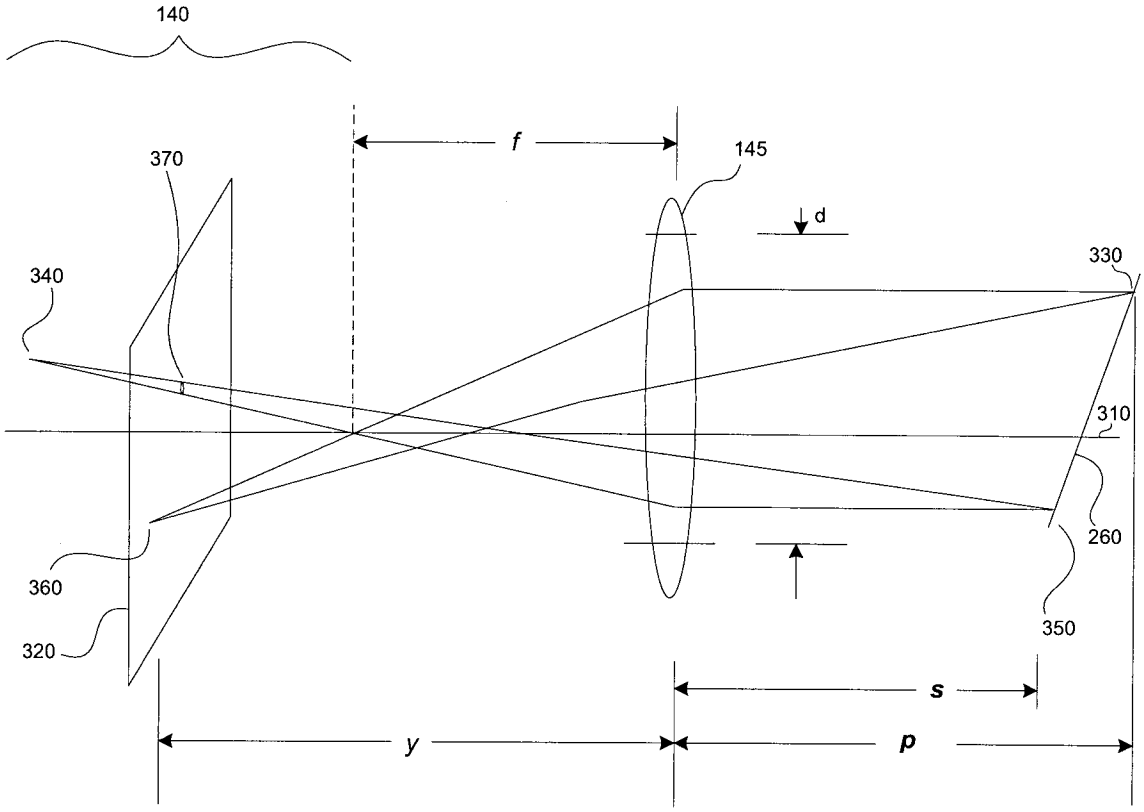

FIGURE 3

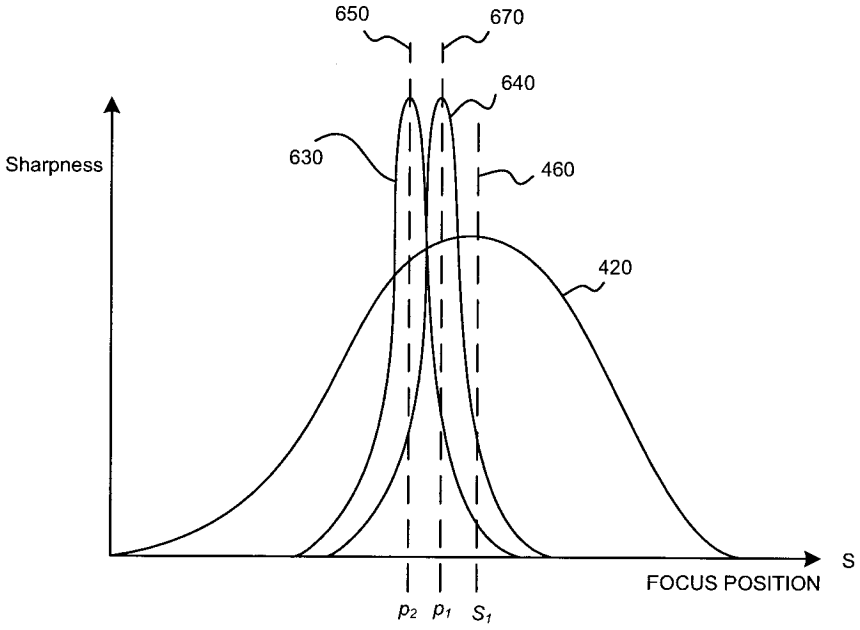

FIGURE 4

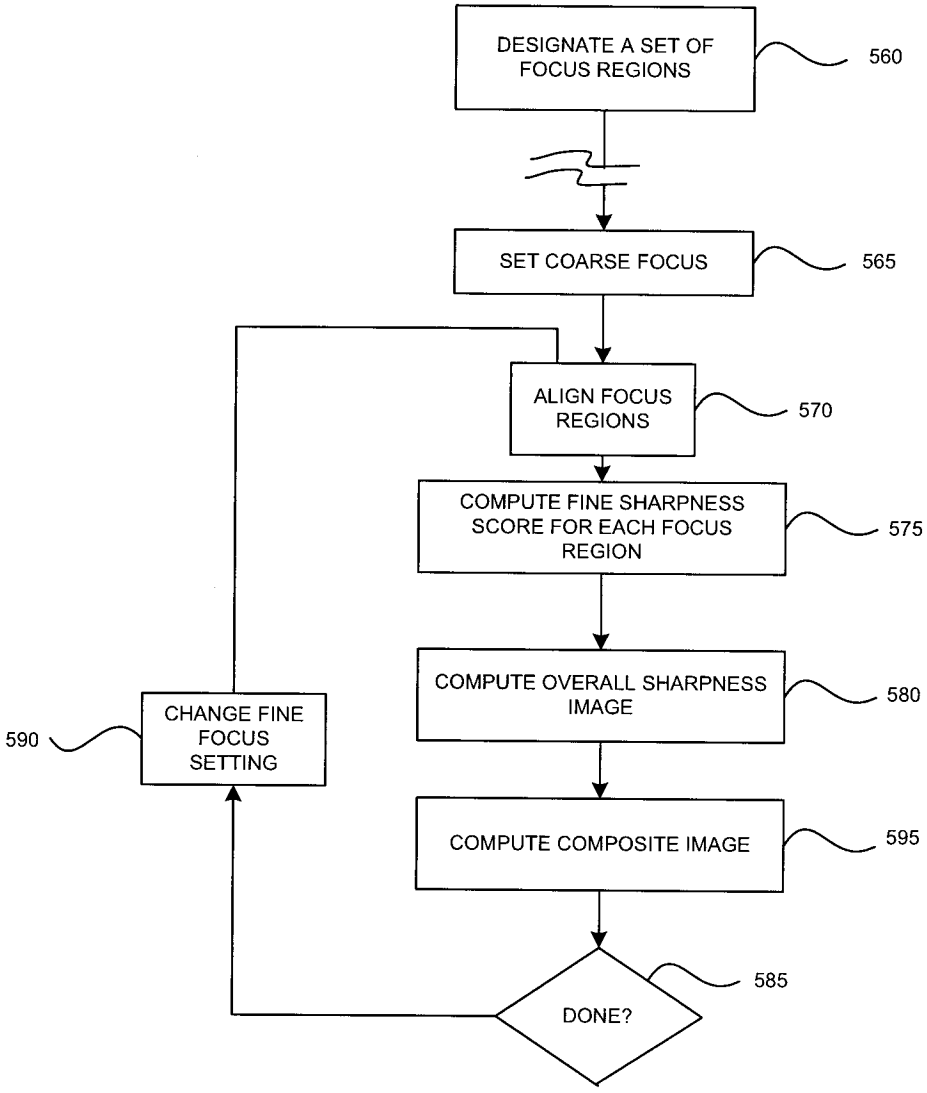
DESIGNATE A SET OF FOCUS REGIONS
560
SET COARSE FOCUS
565
ALIGN FOCUS REGIONS
570
COMPUTE FINE SHARPNESS SCORE FOR EACH FOCUS REGION
575
COMPUTE OVERALL SHARPNESS IMAGE
580
COMPUTE COMPOSITE IMAGE
595
DONE?
585
CHANGE FINE FOCUS SETTING
590

FIGURE 5

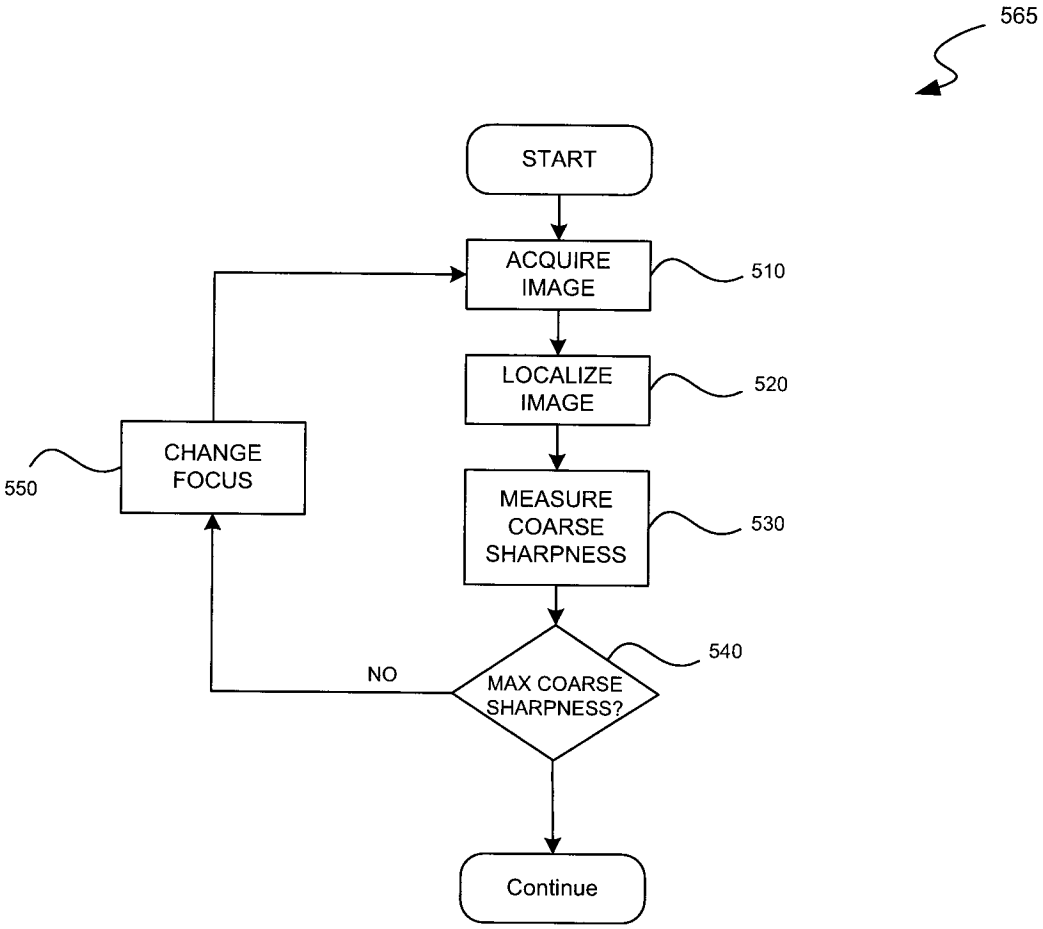
565
START
ACQUIRE IMAGE
510
LOCALIZE IMAGE
520
MEASURE COARSE SHARPNESS
530
MAX COARSE SHARPNESS?
540
NO
CHANGE FOCUS
550
Continue

FIGURE 6

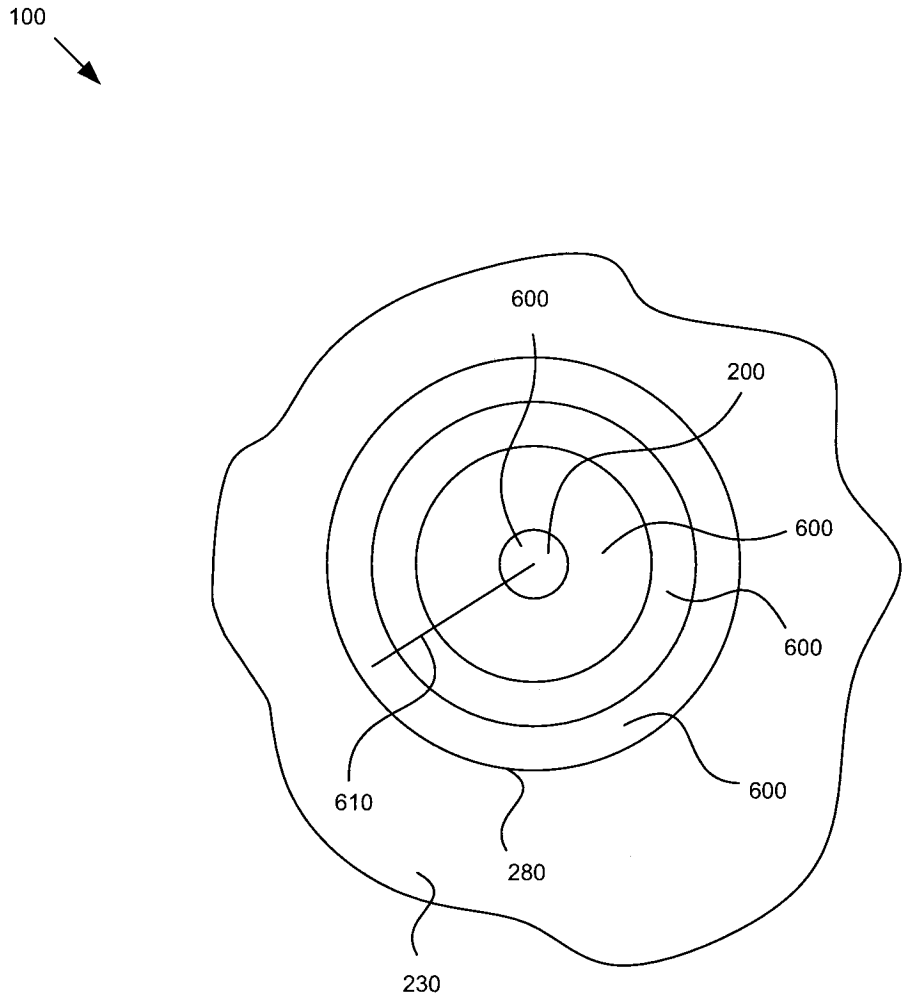

FIGURE 7

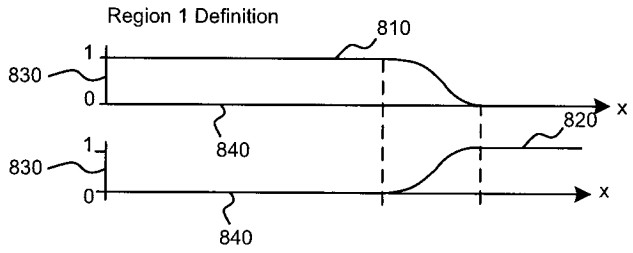

FIGURE 8

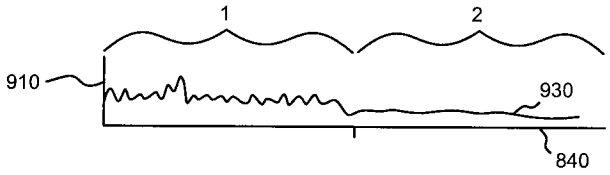

FIGURE 9

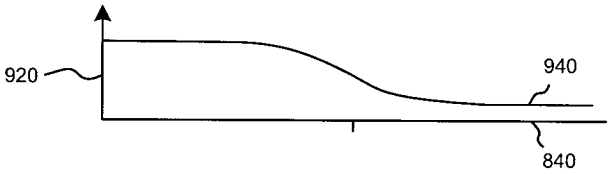

FIGURE 10

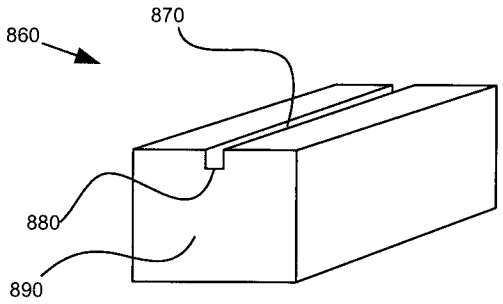

FIGURE 11